

# BEST AVAILABLE COPY

KR2003010390

PN - KR2003010390 A 20030205  
PD - 2003-02-05  
PR - KR20010045308 20010727  
OPD - 2001-07-27  
TI - APPARATUS FOR SHARING POWER AMPLIFICATION OF BASE STATION AND METHOD THEREOF  
IN - PARK JONG GYEONG [KR]  
PA - LG ELECTRONICS INC [KR]  
IC - H04B7/155

TI - Apparatus for sharing power amplification of base station and method thereof  
PR - KR20010045308 20010727  
PN - KR434339 B 20040604 DW200465 H04B7/155 000pp  
- KR2003010390 A 20030205 DW200343 H04B7/155 001pp  
PA - (GLDS) LG ELECTRONICS INC  
IC - H04B7/155  
IN - PARK JG  
AB - KR2003010390 NOVELTY - An apparatus for sharing power amplification of a base station and a method thereof are provided to utilize idle resources of neighboring sectors when an error is generated in a power amplifier of a specific sector, thereby improving the communication quality of a mobile telephone.  
- DETAILED DESCRIPTION - A distributing part(20) distributes RF signals received by sectors of a base station cell and includes the first sharing part(21) amplifying power at neighboring sectors by distributing the received RF signals. A power amplifying part(30) amplifies power of the RF signals distributed from the distributing part(20) to a regular level. A combination part(40) combines the power-amplified signals at the power amplifying part(30) and includes the second sharing part(41) combines the power-amplified RF signals of the neighboring sectors.  
- (Dwg.1/10)  
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